

## Maths Key Instant Recall Facts (KIRFs)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Autumn 1<sup>st</sup> half-term</b>						
Say the number names in order to 5	Know all the number bonds to 5	Know all the number bonds to 20	Revise all the addition and subtraction facts to 20	Know multiplication and division facts for the 11x table	Know all decimals that total 1 or 10 (1 decimal place)	Know the two place decimal complements of 1
<b>Autumn 2<sup>nd</sup> half-term</b>						
Begin to know the days of the week	Know the days of the week and the seasons and months of the year	Know multiplication and division facts for 2x table	Revise multiplication and division facts for 2x, 5x and 10x tables	Know multiplication and division facts for the 7x and 9x tables	Consolidate multiplication and division facts for all times tables	Use all multiplication and division facts for the times tables up to 12x12, to derive x and ÷ of small multiples of 10 and 100 (e.g. 30 x 900; 8100 ÷ 9)
<b>Spring 1<sup>st</sup> half-term</b>						
Say the numbers in order to 10	Know all number bonds to 10	Know the doubles and halves of all numbers to 20	Know all multiplication and division facts for 3x and 6x tables	Know all 2-digit pairs that total 100	Know the doubles and halves of all two-digit numbers	Know the decimal and percentage equivalents of the fractions $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{3}{4}$ , $\frac{1}{3}$ , $\frac{2}{3}$ , tenths and fifths
<b>Spring 2<sup>nd</sup> half-term</b>						
Be able to partition numbers to 5 into two groups	Know all addition and subtraction facts for all numbers between 0 and 10	Know multiplication and division facts for 10x tables	Know multiplication and division facts for 4x and 8x table	Know all multiplication and division facts for all tables up to 12 x 12	Know doubles and halves of: All whole numbers to 100 All multiples of 10 to 1000	Know the doubles and halves of all multiples of 100 to 10,000
<b>Summer 1<sup>st</sup> half-term</b>						
Count in 2s	Know all doubles and halves to 10	Know all addition and subtraction facts for multiples of 10 to 100	Know doubles and halves of: All whole numbers to 20 All multiples of 10 to 500	Know doubles and halves of: All whole numbers to 50 All multiples of 50 to 1000	Know all pairs of factors of numbers up to 100	Know the prime numbers within 50
<b>Summer 2<sup>nd</sup> half-term</b>						
Count in 10s	Count forward and backward in steps of 2, 5 and 10	Know multiplication and division facts for 5x tables	Know all addition and subtraction facts for: Multiples of 100 to 1000 Multiples of 5 to 100.	Know all pairs of multiples of 50 with a total of 1000	Know square numbers to 12 x 12	Know the square roots of square numbers to 15 x 15